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PTO

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	03947-P0010A
First Inventor	Ku Rak Jung, et al.
Title	Arithmetic and Logic Unit Using Half Adder
Express Mail Label No.	EL 889 892 921 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status
See 37 CFR 1.27.
3. Specification [Total Pages 10]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claims(s)
 - Abstract of the Disclosure
4. Drawings(s) (35 USC 113) [Total Sheets 5]
5. Oath or Declaration [Total Sheets 1]
 - a. Newly executed (original or copy)
 - b. Copy from prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventors(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
 8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
 - a. Computer Readable Form (CRF)
 - b.: Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies
- ACCOMPANYING APPLICATION PARTS**
9. Assignment Papers (cover sheet & document(s))
 10. 37 CFR 3.73(b) Statement *(when there is an assignee)*
 Power of Attorney
 11. English Translation Document *(if applicable)*
 12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
 13. Preliminary Amendment
 14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 15. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
 16. Nonpublication Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 of its equivalent.
 17. Other.....

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner Group/Art Unit: Priority Claimed: KR 2004-26148 April 16, 2004

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number:	24126		OR <input checked="" type="checkbox"/> Correspondence address below		
Name	Wesley W. Whitmyer, Jr.				
Address	St. Onge Steward Johnston & Reens LLC 986 Bedford Street				
City	Stamford	State	CT	Zip Code	06905-5619
Country	United States	Telephone	203 324-6155	Fax	203 327-1096

Name (Print/Type)	Hyun Jong Park	Registration No. (Attorney/Agent)	See attached	
Signature	<i>H. J. Park</i>			Date 5/20/04

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 ND 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, Patent and Trademark Office, Washington, DC 20231-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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052004

14202 FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 385.00)

Complete if Known

Application No.	- Pending
Filing Date	May 20, 2004
First Named Inventor	Ku Rak Jung, et al.
Examiner Name	
Art Unit	

Attorney Docket Number 03947-P0010A WWW/HJP

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Other None
 Deposit Account: order

Deposit Account Number

19-4516

Deposit Account Name

St.Onge Steward Johnston & Reens LLC

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fees(s) during the pendency of this application
 Charge fees(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1101	770	2001	385	Utility filing fee	385.00
1002	340	2202	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		(\$)			385.00

2. EXTRA CLAIMS FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			2	-20**	0
				=	X
			1	-3**	0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1201	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claims, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 over original patent
SUBTOTAL (2)		(\$)		-0-

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051		130	2051		65	Surcharge – late filing for or oath	
1052		50	2052		25	Surcharge – late provisional filing or cover sheet	
1053		130	1053		130	Non-English specification	
1812		2,520	1812		2,520	For filing a request for ex parte reexamination	
1804		920*	1804		920*	Requesting publication of SIR prior to Examiner action	
1805		1,840*	1805		1,840*	Requesting publication of SIR after Examiner action	
1251		110	2251		55	Extension for reply within first month	
1252		40	2252		210	Extension for reply within second month	
1253		950	2253		475	Extension for reply within third month	
1254		1,450	2254		725	Extension for reply within fourth month	
1255		1,970	2255		985	Extension for reply within fifth month	
1401		330	2401		165	Notice of Appeal	
1402		330	2402		165	Filing brief in support of an appeal	
1403		290	2403		145	Request for oral hearing	
1451		1,510	1451		1,510	Petition to institute a public use proceeding	
1452		110	2452		55	Petition to revive – unavoidable	
1453		1,330	2453		665	Petition to revive - unintentional	
1501		1,330	2501		665	Utility issue fee (or reissue)	
1502		480	2502		240	Design issue fee	
1503		640	2503		320	Plant issue fee	
1460		130	1460		130	Petitions to the Commissioner	
1807		50	1807		50	Processing fee under 37 CFR 1.17(q)	
1806		180	1806		180	Submission of Information Disclosure Stmt	
8021		40	8021		40	Recording each patent assignment per property (times number of properties)	
1809		770	2809		385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810		770	2810		385	For each additional invention to be examined (37CFR 1.129(b))	
1801		770	2801		385	Request for Continued Examination (RCE)	
1802		900	1802		900	Request for expedited examination of a design application	
Other fee (specify)							

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

-0-

SUBMITTED BY St.Onge Steward Johnston & Reens LLC Complete (if applicable)

Name (Print/Type)	Hyun Jong Park	Registration No (Attorney/Agent)	See attached	Telephone	203 324-6155
Signature	<i>H. J. Park</i>		Date		5/20/2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

This collection of information is required by 37CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering of information, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, Patent and Trademark Office, U.S. Department of Commerce; P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. SEND TO: Commissioner for Patents; P.O. Box 1450; Alexandria, VA 22313-1450. If you need assistance in completing the form, call 8-800-PTO-9199 and select option 2

PATENT
03947-P0010A WWW/HJP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	Ku Rak Jung, et al.
Serial No. - Pending	May 20, 2004
Title of Application:	Arithmetic and Logic Unit Using Half Adder

Mail Stop Patent Application
Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

Cover Sheet For Five Sheets Of Drawings

Attorneys for Applicants
Wesley W. Whitmyer, Jr., Registration No. 33,558
Hyun Jong Park, Limited Recognition
ST.ONGE STEWARD JOHNSTON & REENS LLC
986 Bedford Street
Stamford, CT 06905-5619
203 324-6155

EL 889 892 921 US